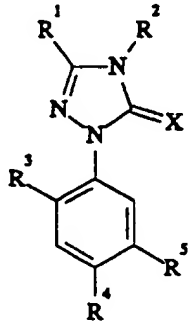
Substituted triazolinones

A b s t r a c t

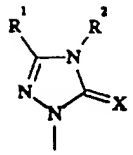
The invention relates to new substituted triazolinones of the general formula (I)



(I)

in which

- R^1 represents halogenoalkyl,
- R^2 represents hydrogen, amino, cyano, alkyl, alkenyl, alkinyl, halogenoalkyl, halogenoalkenyl, halogenoalkinyl, alkoxyalkyl, alkylideneimino, or in each case optionally substituted cycloalkyl or cycloalkylalkyl,
- R^3 represents hydrogen or halogen,
- R^4 represents cyano or nitro,
- R^5 represents nitro, cyano, halogen, heterocyclyloxy, a radical of the formula R^6, $-O-R^6$, $-S-R^6$, $-S(O)-R^6$, $-SO_2-R^6$, $-SO_2-O-R^6$, $-O-SO_2-R^6$, $-C(O)-O-R^6$, $-NR^6R^7$, $-SO_2-NR^6R^7$, $-C(O)-NR^6R^7$, $-NH-P(O)(OR^6)(R^7)$ or $-NH-P(O)(OR^6)(OR^7)$ or a radical of the formula



and

X represents oxygen or sulphur, where

R^6 and R^7 independently of one another in each case represent hydrogen or in each case straight-chain or branched, optionally substituted alkyl, alkenyl, alkinyl, cycloalkyl or aryl,

to a plurality of processes for their preparation, and to their use as herbicides, insecticides and acaricides.